

TRANSPORTATION SAFETY ACTION PLAN UPDATE

Community Advisory Council

June 28, 2019



ACTION REQUESTED

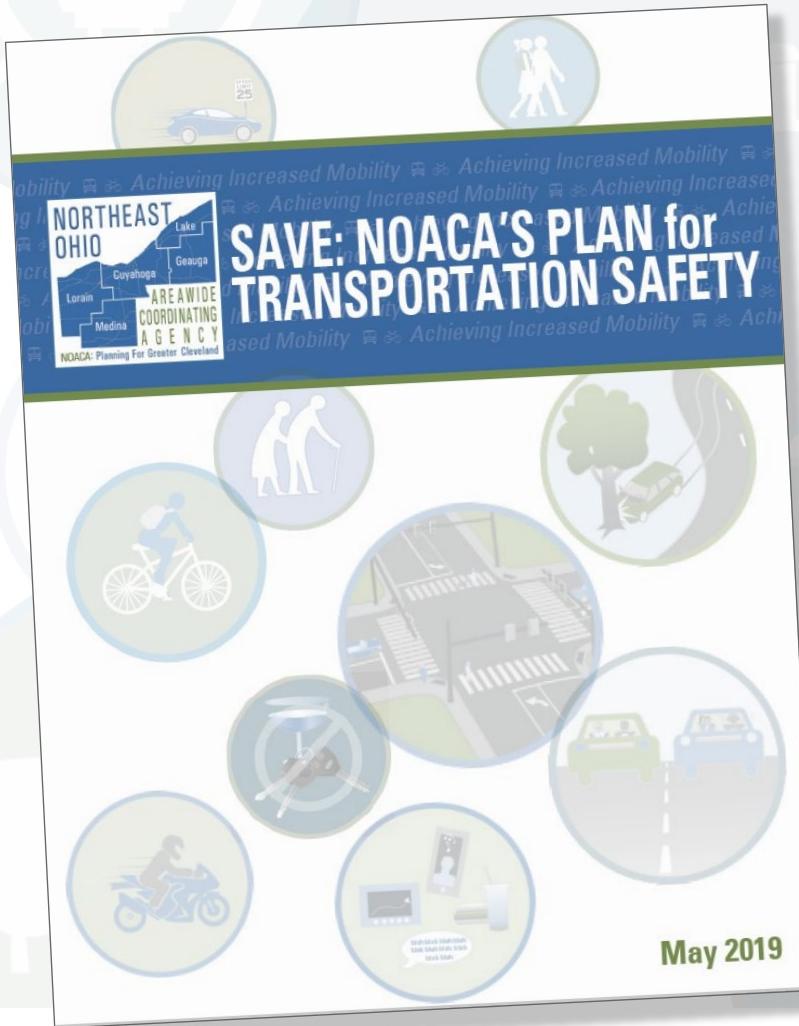
No action requested. This item is for information and presentation only.

PREVIOUS ACTION

Presented to Safety and Operations Council for input and concurrence on emphasis areas, strategies and actions.



BACKGROUND



SAVE: NOACA's Plan for Transportation Safety:

- Creates strategic plan for safety in the NOACA region
- Goal: Reduce fatalities and serious injuries by 50% by 2040
- Identifies emphasis areas
- Recommends strategies and actions

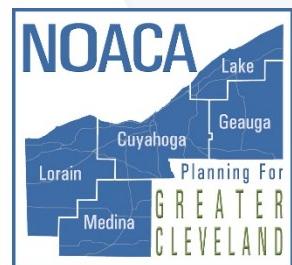


BACKGROUND

Annual Fatalities and Serious Injuries, 2007-2017



- Fatalities have been **increasing** since 2014
- Serious Injuries have also been increasing
- Action is needed to reverse these trends and sustain steady declines over the long-term



BACKGROUND

A Comprehensive Approach Using the “6 E’s”

- Engineering
- Education
- Enforcement
- Emergency Medical Service
- Equity
- Evaluation

The "6 E's" of Transportation Safety



BACKGROUND

Emphasis Areas

- Intersection
- Young Driver
- Roadway Departure
- Speed
- Impaired Driving
- Older Driver
- Motorcycle
- Pedestrian
- Distracted Driving
- Bicycle



BACKGROUND

Fatalities and Serious Injuries by Maintenance Responsibility, Local vs. State						
Emphasis Area	Total of Fatalities and Serious Injuries	Local vs. State Roads		Types of Local Roads		
		Local	State	Municipal	County	Township
Intersection	2,175	82%	18%	75%	6%	1%
Younger Driver	2,006	72%	28%	61%	8%	3%
Roadway Departure	1,892	64%	36%	49%	10%	4%
Speed	1,449	71%	29%	62%	7%	3%
Impaired Driving	1,163	72%	28%	60%	9%	3%
Older Driver	1,046	73%	27%	64%	7%	2%
Motorcycle	783	72%	28%	59%	10%	3%
Pedestrian	521	87%	13%	82%	3%	2%
Distracted Driving	378	73%	27%	63%	8%	2%
Bicycle	224	92%	8%	85%	4%	4%

BACKGROUND

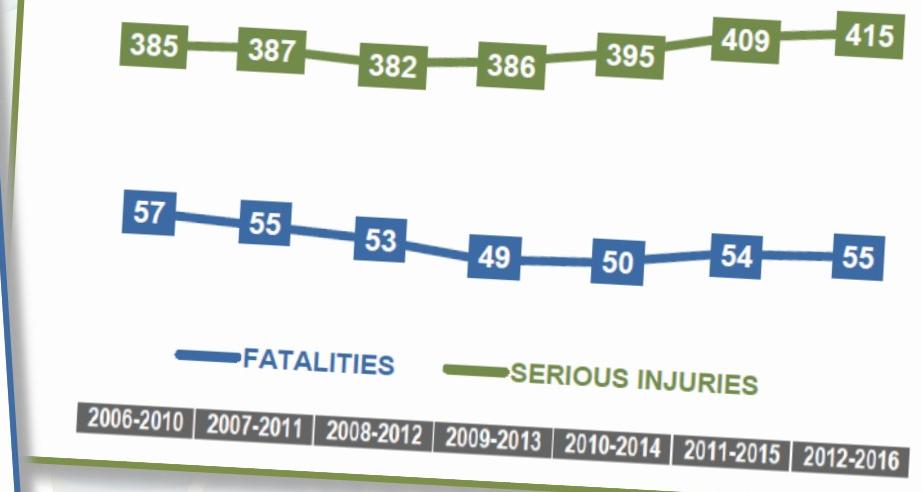
Emphasis Areas

Targets:

2% reduction in roadway departure fatalities each year between 2016 and 2021, from 55 to 50.

2% reduction in roadway departure serious injuries each year between 2016 and 2021, from 415 to 375.

ROADWAY DEPARTURE 5-YR AVERAGE FSI TRENDS



Crash Trend for
Roadway Departure
Fatalities

▼ 4%

5-Year Rolling
Average
From 2010 to 2016



BACKGROUND

Emphasis Areas

Strategy #1: Identify high crash intersections and other trends through data collection and analysis.

Action Item	Measure
Assist local jurisdictions with identifying high intersection crash corridors.	# communities assisted # intersections identified
Work with local jurisdictions to conduct road safety audits at priority intersections.	# audits conducted at priority intersections

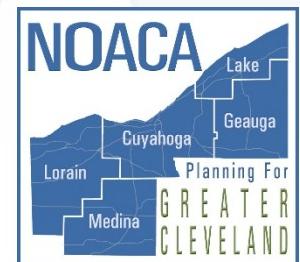
Strategy #2: Promote the implementation of proven and low-cost safety countermeasures.

Action Item	Measure
Support projects in the TIP that include proven and low-cost safety countermeasures that reduce the number and severity of intersection crashes.	# projects included in TIP
Improve signal coordination to reduce stops at intersections through NOACA STOP program.	# signals with improved coordination
Identify and prioritize intersections for systemic improvements within region for implementation.	# intersections



NEXT STEPS

- Staff will inform and coordinate the efforts of its safety partners to build better infrastructure, influence traveler behavior, and promote safer policies.





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

